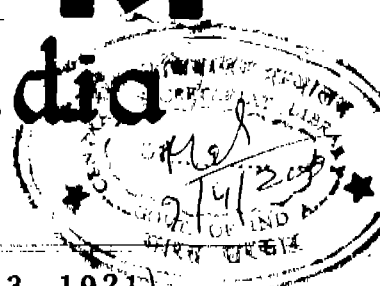


भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY



सं० 49] नई दिल्ली, शनिवार, दिसम्बर 4, 1999 (अग्रहायण 13, 1921)
No. 49] NEW DELHI, SATURDAY, DECEMBER 4, 1999 (AGRAHAYANA 13, 1921)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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and Aminidivi Islands.

Telegraphic address "PATENTOFIS"
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Building, 5th, 6th & 7th
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कलकत्ता, दिनांक 4 दिसम्बर 1999

पेटेंट कार्यालय के कार्यालयों के पते एवं अनाधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसकी शाखा कार्यालय हैं। जैन के प्रावर्तक अनाधिकार जैन के आधार पर निम्न रूप में वर्णित हैं :-

पेटेंट कार्यालय शाखा, टाजी इस्टेट,
तीसरा तल, लोअर परसे (प.),
मुम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोवा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, वमन तथा वीव एवं
वावर और नगर हुबेसी।

तार पता - "पेटेंटोफिस"

फोन : 4825092 फैक्स : 0224950622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल
नगरपालिका बाजार भवन,
गरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हृदियाणा, हिमाचल प्रदेश, जम्मू
नया कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता - "पेटेंटोफिस"

फोन : 5782532 फैक्स : 011-5768204

पेटेंट कार्यालय शाखा,

पिण सी (सी-4, ए),
तीसरा तल, राजाजी भवन, बसन्त नगर,
चेन्नई-600090।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनीकाय
तथा एमिनिडिडि द्वीप।

तार पता - "पेटेंटोफिस"

फोन : 4901495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय अष्टमलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

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तार पता - "पेटेंटोफिस"

फोन : 247 4401 फैक्स : 033247 3851

पेटेंट कार्यालय का कलकत्ता स्थित प्रधान कार्यालय पेटेंट
सहायक संधि के अधीन अन्तरराष्ट्रीय आवेदनों के लिए रिसीविंग
कार्यालय, इलक्ट्रेड कार्यालय व डीएसपेटेंट कार्यालय हैं।

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम,
1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपेक्षित
सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई
फीस पेटेंट कार्यालय के केवल समूचित कार्यालय में ही ग्रहण
किये जायेंगे।

शुल्क : शुल्कों की उदाहरणी या तो नकद की जाएगी अथवा
जहां उपयुक्त कार्यालय अवस्थित है उस स्थान के अनुसूचित बैंक
में नियंत्रक की भुगतान योग्य बैंक ड्राफ्ट अथवा बैंक द्वारा की
जा सकती है।

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE
234/4. ACHARYA JAGADISH BOSE ROAD
CALCUTTA-700 020

The dates shown in the crescent brackets are the dates
Claimed under section 135, under Patent Act, 1970

16-09-1999

791/Cal/99. 1. Dr. Mukherjee, Krishna Jyoti, 2. Yazdani
Syedshans, "A process of preparing high yields of
streptokinase protein (a non-living substance) from
E. Coli".

792/Cal/99. Thomson Television Components France, "High
voltage transformer" (Convention No. 9812251 on
30-9-98 in France).

793/Cal/99. Vertex Pharmaceuticals Incorporated, "Inhibi-
tors of P 38" (Convention No. 60/101.013 on
18-9-98 in U S A).

794/Cal/99. American Cyanamid Company, "A process for
the preparation of herbicidal N-alkenyl hetero-
aryloxyactamides" (Divided out of No. 253/Cal/
99 antedated to 22-03-99).

795/Cal/99. Kaneka Corporation, "Process for preparing
N- (1 (S) - Ethoxycarbonyl-3-Phenylpropyl) -L-
Alanyl-L-Proline" (Convention No. 195865/1997
on 22-7-97 in Japan) (Divided out of No. 1259/
Cal/98 antedated to 20-7-98).

796/Cal/99. Kaneka Corporation, "Process for purifying
pharmacologically acceptable salt of N-(1(S)-
ethoxycarbonyl-3-phenylpropyl) -L- alanyl-amino
acid" (Convention No. 195865/1997 on 22-7-97
in Japan) (Divided out of No. 1259/Cal/98 ante-
dated to 20-7-98).

17-09-1999

797/Cal/99. Vertex Pharmaceuticals Incorporated, "Inhibi-
tors of p 38" (Convention No. 60/100,972 on
18-9-98 in United States of America).

798/Cal/99. Junkers John K., "Power Tool" (Convention
No. 09/158,610 on 22-09-98 in United States of
America).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

The Classification given below in respect of each specification are according to Indian Classification and International Classification Systems.

Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

In the event of non-availability of printed specification, photocopies of the specification and drawings, if any, can be supplied by the Patent Office and its branch offices on payment of prescribed photocopy charges @ Rs. 10/- per page of such document plus Rs. 30/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबंध आवेदन में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्माण की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि और उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्रारूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निर्धारित एकत्रित के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रारूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य की प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम-36 के तहत यथाविहित उक्त सूचना के तथि से 60 दिन के भीतर फाइल कर दिए जाने चाहिए।

प्रत्येक विनिर्देश के संबंध में नीचे विवेचनीकरण, भारतीय वनीकरण तथा अंतर्राष्ट्रीय वनीकरण के अन्वय है।

विनिर्देश तथा चित्र आदेश, यदि कोई हो, की अधिकतम प्रतियाँ की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30 रुपये प्रति की अदायगी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की अधिकतम प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आदेश, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त वस्तुवज के 10 रुपये प्रति पृष्ठ धके 30 रुपये की अदायगी पर की जा सकती है।

Cl. : 194 C 1

183361

Int. Cl.⁴ : H 01 J 37/065

ELECTRON GUNS FOR COLOR PICTURE TUBE.

Applicant : GOLDSTAR CO. LTD., OF 20, YOIDO-DONG, YONGDUNGPO-KU, SEOUL, KOREA.

Inventors :

1. MYUNG HO PARK
2. SOO KEUN LEE

Application No. 1016/Cal/94 filed on 5th December, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

8 Claims

electron guns for color picture tube comprising a plurality of cathodes (7, 8, 9) having their heaters, first and second grids (10, 11), a focusing electrode unit (12) comprising first and second focusing electrodes (12d, 12f), and an accelerating electrode (14) placed in front of said focusing electrode unit (12), characterized in that.

variable asymmetric electrostatic lenses are provided, said lenses having :

a first electrostatic deflection means (31) mounted to one end of said first focusing electrode (12d); and

a second electrostatic deflection means (32) mounted to one end of said second focusing electrode (12f).

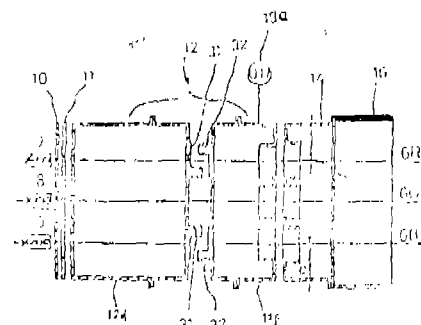


FIG. 8

(Compl. Specn. : 31 pages:

Drgns : 8 sheets)

Cl. : 94 F

183362

Int. Cl.⁴ : B 02 C 23/06

A METHOD FOR MAKING A FINELY DIVIDED POWDER SUCH AS CERAMIC MAGNETIC OR PIGMENT POWDER.

Applicant : KERR-McGEE CHEMICAL CORPORATION, OF 123 ROBERT S. KERR, OKLAHOMA CITY, OKLAHOMA 73102, UNITED STATES OF AMERICA.

Inventors :

1. THOMAS IAN BROWNBIDGE
2. PHILLIP M STORY

Application No. 76/Cal/95 filed on 27th January, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

21 Claims

A method for making a finely divided powder such as ceramic, magnetic or pigment powder, comprising the steps of :

(a) mixing a starting powder having a particle size of from about 0.01 microns to about 500 microns and a powder

density of from about 0.8 g/cc to about 5.0 g/cc absolute with

- (i) a grinding medium comprising naturally occurring zirconium silicate sand having a density of from about 4.0 g/cc to 6.0 g/cc absolute and a particle size in the range of from about 100 microns to about 1500 microns; and
 - (ii) a liquid medium selected from the group consisting essentially of oil, water organic solvents, and mixtures thereof that are capable of forming a slurry with said starting powder, to form a grinding slurry having a grinding slurry viscosity of from about 1.0 cps to about 10,000 cps;
- (b) milling said grinding slurry in a high energy mill for a time sufficient to produce a product slurry comprising a product powder having the same composition as said starting powder and a desired particle size; and
- (c) separating said product slurry from said milling slurry so that said grinding medium remains in said milling slurry.

Compl. Specn. 27 Pages;

Drgns. Nil.

Cl. : 206 E

183363

Int. Cl.⁴ : G 11 C 15/02

A DATA STORAGE AND RETRIEVAL DEVICE.

Applicant : TERASTORE INC., OF 12101 BAYSWATER ROAD, GAITHERSBURG, MD 20878 UNITED STATES OF AMERICA.

Inventors :

THOMAS DOLLINS HURT.

SCOTT ALAN HALPINE.

Application No. 77/Cal/95 filed on 27th January, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

11 Claims

A data storage and retrieval device comprising :

a control unit (1), for coordinating and sequencing the various functions and operations performed by the device, a spin-polarized electron source (2a) with a tip (2b) and an array of an extractor (4), collimators (6, 7, 9), electrostatic lenses (10, 11, 12), blanking element (13) and microdeflectors (14, 15), each defining an aperture, and insulating element (5, 8) being positioned between the extractor and the collimator, the arrangement being such that spin-polarized electrons, provided by said source, are caused to be directed through the aperture, towards a data storage layer (17) formed on a substrate (18), wherein the data storage layer has a fixed number of atomic layers of a magnetic material said atomic layers providing the data storage layer with a magnetic anisotropy perpendicular to a surface of the data storage layer; and

a data magnetic field is caused to be created in the data storage layer, the data magnetic field being polarized either in a first direction perpendicular to the surface of the data storage layer and corresponding to a first data value or in a second direction opposite the first direction and corresponding to a second data value.

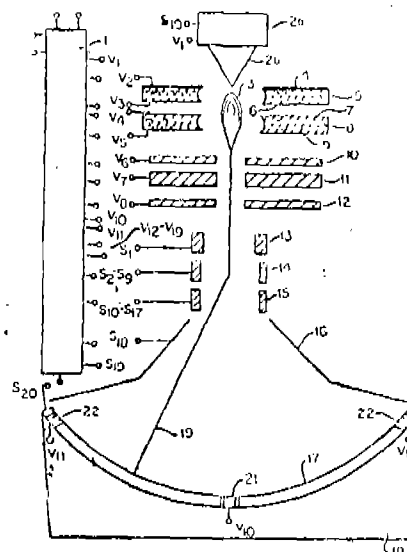


FIG. 1

Compl. Specn. 28 Pages;

Drgns. Nil.

Cl. : 40 A 39 L

183364

Int. Cl. : C 07 F 15/02.

AN IMPROVED CATALYTIC REDUCTION PROCESS FOR MANUFACTURING BLOCK IRON OXIDE.

Applicant & Inventor : O. P. BHUWANIA, OF "RAMESWARA APARTMENT" FLAT NO. 7D 19A, SARAT BOSE ROAD, CALCUTTA-700 020, WEST BENGAL, INDIA.

Application No. 120/Cal/95 filed on 8th February, 95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

6 Claims

An improved catalytic reduction process for manufacturing black iron oxide which process comprises the steps of :

- (i) feeding predetermined amounts of a mixture of iron powder and a catalyst such as ferrous chloride with water in a reactor called reducer, the iron powder being present in an amount 1.2—1.4 times by weight of the catalyst;
- (ii) agitating said mixture and heating to a temperature of 125—140°C and preferably 135°C the mass by injecting live steam into said reducer for refluxing when vapour generates in the reducer and passes onto a condenser and later a part thereof refluxes back to the reducer;
- (iii) adding into said reducer nitrobenzene and cast iron turnings in a ratio of 1 part by weight of nitrobenzene to 1.7 parts by weight of cast iron turnings when sufficient reflux is started;
- (iv) condensing the reduced gas before cooling and refluxing back to the reactor;
- (v) injecting further amounts of live steam to the reactor after the addition of all raw materials for the completion of the reaction.
- (vi) adding sufficient amount of lime and soda into the reactor to neutralise and reduce mass which then separates into two layers the top layer being aniline and the bottom layer being crude iron, oxide;
- (vii) separating the top layer from the bottom layer in a known manner;
- (viii) separating iron oxide from the mixture;

(ix) subjecting iron oxide to purification step in a purification plant wherein said catalyst is selected from ferrous chloride, and aniline hydrochloride in presence of different grades of C 1 boring such as coarse, medium and fine to obtain the purified slurry;

(x) subjecting the purified slurry to the step of drying, pulverisation and calcination at a temperature of 105°C to 350°C to obtain the black iron oxide.

(Compl. Specn. 14 Pages;

Drgns. Nil.

Cl. : 146 D 2

183365

Int. Cl. : G 02 B 27/10.

OPTICAL PROJECTION SYSTEM.

Applicant : DAEWOO ELECTRONICS CO. LTD., OF 541, 5-GA, NAMDAEMOON-RO, JUNG GU, SEOUL, REPUBLIC OF KOREA.

Inventors :

1. DAE-YOUNG LIM.
2. JIN-SE YAND.

Application No. : 252/Cal/95 filed on 9th March, 95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

An optical projection system capable of displaying a white light emitted from a non-point white light source 101 into an image made of an M x N number of pixels on an projection screen 117, wherein the white light consists of a first, a second and a third primary light beams and M and N are integers being characterized in that the optical projection system is comprised of :

a source stopper 103 for shaping the white light into a pre-determined configuration;

an optical means 104 for reflecting the white light at a pre-determined angle;

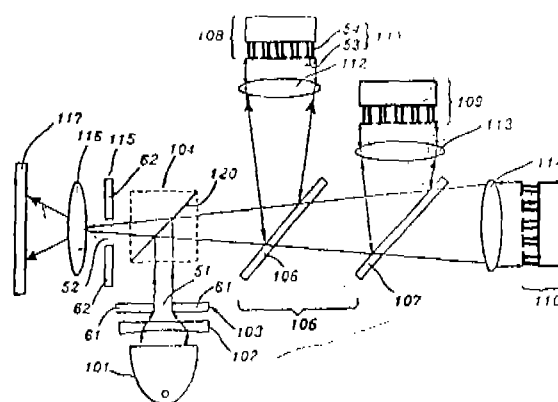
a trinity of arrays 108, 109, 110 of MxN actuated mirrors 111 including a first, a second and a third array 108, 109, 110 of MxN actuated mirrors 111, wherein each of the actuated mirrors 111 has an actuator 54 and a mirror 53 and is used for changing the optical path of the primary light beams reflected therefrom;

a beam splitting means 103 including a first and a second dichroic mirrors 106, 107, wherein the first dichroic mirror 106, for reflecting the first primary light beam onto the first array (108) of MxN actuated mirrors (111) and for transmitting the second and the third primary light beams to the second dichroic mirror 107, is disposed between the optical means (104) and the second dichroic mirror (107), and the second dichroic mirror (107), for reflecting the second primary light beam onto the second array 109 of MxN actuated mirror 111 and for transmitting the third primary light beam to the third array 110 of MxN actuated mirrors 111, is disposed between the first dichroic mirror 106 and the third array 110 of M x N actuated mirrors 111;

a trinity of field lenses including a first a second and a third field lenses 112, 113, 114, wherein each of the field lenses being located between one of the dichroic mirrors 106, 107, and a corresponding array of M x N actuated mirrors 111 in the first, the second and the third arrays 108, 109, 110; and

a projection stopper 115 for passing a predetermined amount of the reflected primary light beams.

FIG. 2



(Compl. Specn. 18 Pages;

Drgns. 4 Sheets.)

Cl. : 47 E

183366

Int. Cl. : C 10 B 1/04,
33/00, 25/22.

A CLOSURE DEVICE ADAPTED FOR RIGID ATTACHMENT ONTO THE UPPER HEAD OF A COOKING DRUM.

Applicant : FOSTER WHEELER USA CORPORATION, OF PERRYVILLE CORPORATE PARK, CLINTON, NEW JERSEY 08809-4000, UNITED STATES OF AMERICA

Inventor : ALLEN S. MALSBURY.

Application No. : 516/Cal/95 filed on 8th May, 95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A closure device for rigid attachment onto the upper head of a coking drum (10), said device comprising :

- (a) an elongated cylindrical-shaped housing (16) having an upper end and a lower end with a lower flange (17) provided at the housing lower end for attachment pressure-tightly onto a coking drum upper head flange (14), said housing comprising a flange (22) provided at the housing upper end;
- (b) a rotary ball valve (18) provided within a lower portion of said housing, said ball valve comprising a spherical-shaped rotor (20) and having a cylindrical shaped opening (19) extending through said valve rotor and comprising an elongated stem (21) rigidly attached onto said valve rotor at a ninety degree angle to the rotor opening (19) and extending pressure-tightly through a side wall of said housing;
- (c) a flanged cover unit (24) attached onto said housing upper end flange, said cover unit comprising a packing gland (34); and
- (d) a rotatable cutting tool (30) comprising an elongated drive rod (31) extending through said packing gland, said cutting tool being sized for passage downwardly.

through the opening in said ball valve rotor and into said coking drum for drilling and dislodging coke deposits in said coking drum.

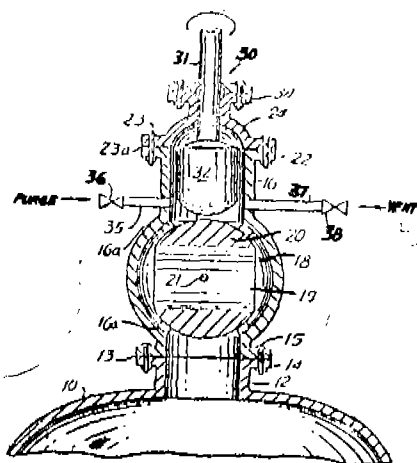


FIG. 2

(Compl. Specn. 12 Pages;

Drgns. 3 Sheets.)

Cl. : 90 1

183367

Int. Cl. : C 03 C 3/076

SILICA-SODA-CALCIUM GLASS COMPOSITION NOTABLY USED FOR THE MAKING OF WINDOWS (GLASS).

Applicant : SAINT-GOBAIN VITRAGE, OF 18, AVENUE D'ALSACE, F-92400 COURBEVOIE, FRANCE.

Inventors :

COMBES JEAN-MARIE.

MAZON-RAMOS PEDRO PABLO.

Application No. 721/Cal/95 filed on 23rd June, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

15 Claims

Silica-soda-calcium glass composition notably used for the making of windows (glass), characterised in that said silica-soda-calcium glass comprises the following constituents expressed in weight percentage, defined by the following limits :

SiO ₂	69 to 75%
Al ₂ O ₃	0 to 3%
B ₂ O ₃	0 to 5%
CaO	2 to 10%
MgO	0 to 2%
Na ₂ O	9 to 17%
K ₂ O	0 to 8%
Fe ₂ O ₃ (total iron)	0.2 to 4%
Se, CoO, Cr ₂ O ₃ , NiO, CuO	0 to 0.45%

the colouring agent content other than the iron being at least equal to 0.002%, whereas the content in Fe₂O₃ is equal to or less than 1.5%, wherein said composition may equally contain fluorine, oxides of zinc, zirconium, cerium, titanium and less than 4% of barium oxide, the sum of alkaline earth oxide percentages being equal or less than 10%.

(Compl. Specn. 20 Pages;

Drgns. Nil.

Cl. : 194 C

183368

Int. Cl. : H 01 J 37/063

AN INLINE ELECTRON GUN HAVING IMPROVED BEAM FORMING REGION.

Applicant : THOMSON TUBES AND DISPLAYS, S.A., OF 9, PLACE DES VOSGES, LA DEFENSE 5, 92050 PARIS LA DEFENSE, FRANCE.

Inventors :

YVES PONTAILLIER.

RODOLPHE LAUZIER.

Application No. 928/Cal/95 filed on 8th August, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Calcutta.

2 Claims

An inline electron gun comprising a plurality of electrodes spaced from three cathodes in a direction of a longitudinal axis of said gun, said electrodes forming at least a beam forming region and a main focus lens in the paths of three electron beams, a center beam and two side beams, each of said electrodes including three inline apertures therein for passage of said three electron beams, and said beam forming region including said cathodes and three consecutive electrodes, a G1 electrode, a G2 electrode and a G3 electrode, characterized in that,

said G2 electrode having two linear projections therein on either side of the inline apertures therein, said projections paralleling the inline direction of said apertures and protruding in a direction parallel to said longitudinal axis past an apertured portion of said G3 electrode in overlapping relationship therewith, and

on the side of said G3 electrode facing said G2 electrode, said G3 electrode having two linear channels therein on either side of the inline apertures therein, said channels being immediately adjacent said projections on said G2 electrode in a spaced nested relationship therewith.

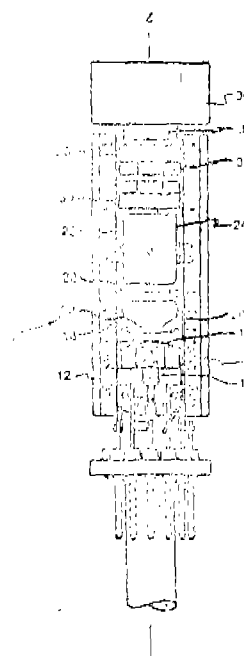


Fig. 1

(Compl. Specn. 6 Pages;

Drgns. 2 sheets.

Cl. : 9A

183369

Int. Cl. : F 16 C 33/02, 33/24; C 22 C 9/01

A METHOD OF MANUFACTURE OF SLIDING SURFACE BEARING.

Applicant : KOLBENSCHMIDT AKTIENGESELLSCHAFT, OF KARL-SCHMIDT-STRASSE, D-74172 NEC-KARSULM, GERMANY.

Inventors :

KLAUS DEICKE.
HARALD PFESTORF.
WERNER SCHUBERT.
THOMAS STEFFENS.

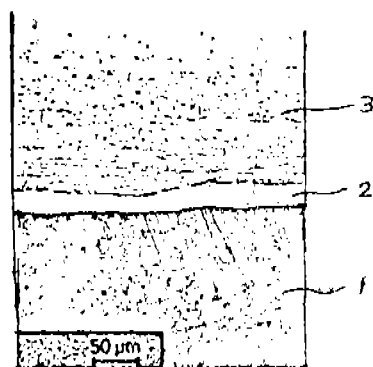
Application No. 1034/Cal/95 filed on 29th August, 1995.

Appropriate Office for Opposition Proceedings (Rule: 4, Patents Rules, 1972); Patent Office Calcutta.

3 Claims

A method of manufacture of sliding surface bearings comprising a backing layer of steel and a cladon layer of an aluminium base bearing material made of an aluminium-copper matrix having finely divided tin, comprising the following steps :

- degreasing, grinding or brushing cold-rolled steel strip and cold-rolled strip of aluminium-base bearing material;
- binding said two strips together by friction welding in a continuous process cladding rolling mill;
- cooling and coiling up the strips of steel and aluminium-base bearing material for heat-treatment at temperature from 200-220°C for 2-12 hrs for a diffusion process whereby the bond between the steel (1) and aluminium bearing material (3) is strengthened and the tin which is present in the aluminium-copper matrix in the form of bonds is caused to assume a very finely divided state in the matrix; wherein the said bearing material layer (3) is composed of 14-18% by weight tin, 1.7-2.3% by weight copper, balance aluminium.



Compl. Specn. 6 Pages:

Drgns. 1 Sheet.

Cl. : 158 E 3

183370

Int. Cl. : B 61 F 5/00; F 16 F 1/00

IMPROVED TOGGLE SPRING DEVICE.

Applicant : BINA METAL WAY LTD., OF 12/1, LINDSAAY STREET, CALCUTTA-700087 WEST BENGAL, INDIA.

Inventor : PRONAB MUKHERJEE.

Application No. 1357/Cal/95 filed on 31st October, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office Calcutta.

10 Claims

An improved Toggle Spring Device (27) for use in a switch or crossing in a railway turnout, said device (27) being locatable between moveable tongue/nose/wing rails (7, 7') of said switch or crossing, and

connectable to said rails (7, 7') by means of pair of link rods (20, 20') so that the device is pivotably connected to said rails, characterised in that said device comprises :

- a base plate (28) fixed on the sleepers of the railway track;
- an abutment (29) and a pivot (30) housed on said base plate (28);
- a rotatable lever rod (31) pivotably supported on said pivot (30);
- with one end of the lever rod (31) being provided with pinjoint connections to said link rods (20, 20');
- with the other end of said lever rod (31) being provided with pin-joint connection to a spring rod (32) and
- with the spring rod (32) being provided with pin-joint connection to the said abutment (29) through a spring-support plate (32C).

Compl. Specn. 20 Pages:

Drgns. 11 Sheets.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 Application No. 167618 (405/Del/87) of GEC Plessey Telecommunications Limited, a British Company, of 1, Stanhope Gate, London W1A 1BH, England has been allowed to proceed in the name of GEC Plessey Telecommunications Limited, a British company of New Century Park, P.O. Box 53, Coventry CV3 1HF, England.

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Hindustan Lever Limited, Mumbai to grant of a Patent Application No. 182558 (1903/Mas/96) made by Malavika Vinod Kumar & Krishnamachari Ramu, Chennai.

An opposition has been entered by M/s. Hindustan Lever Limited, Mumbai to grant of a Patent Application No. 182559 (1904/Mas/96) made by Malavika Vinod Kumar & Krishnamachari Ramu, Chennai.

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by M/s. Oxford Biosciences Limited, U.K., in connection with Patent No. 179833 (279/Mas/94) as advertized in Part III Section 2 of the Gazette of India dated 19-6-99 and no Opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by Tetra Laval Holdings & Finance S.A. in respect of Patent Application No. 179945 (575/Cal/93) as advertised in Part III Section 2 of the Gazette of India on 19-06-1999 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by Alusuisse Lonza Services Limited, Zurich, Seitzerland, in respect of Patent Application No. 536/Mas/92 (181023) as advertised in part III, Section II of the Gazette of India on 19-06-1999, and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by Merpro Azgaz Limited, Scotland, U.K. in respect of Patent Application No. 371/Mas/93 (181552) as advertised in Part III, Section 2 of the Gazette of India on 5-6-99 and no Opposition being filed within the stipulated period. The said amendments have been allowed.

Notice is hereby given that Glitsch Inc., a corporation organised under the laws of the State of Delaware having its principal place of business at 4900 Singleton Boulevard, Dallas, Texas-75212, U.S.A. have made an application under section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. (405/Cal/94) 181743 for "A process for obtaining acetic acid from a water solution of acetic acid".

The amendments are by way of change of name from Glitsch Inc. to Tray Inc.

The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700020. If the Written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

The amendments proposed by KONINKLIJKE PHILIPS ELECTRONICS N. V., in respect of Patent Application No. 181769 (1024/Cal/94) as advertised in Part-III, Section 2 of the Gazette of India on 13-03-1999 and no opposition being filed within the stipulated period, the said amendments have been allowed.

Notice is hereby given that GLITSCH INC., a corporation organised under the laws of the State of Delaware having its principal place of business at 4900 Singleton Boulevard, Dallas, Texas 75212, U.S.A. have made an application under Section 57 of the Patent Act, 1970 for amendment of specification of their application for Patent No. 170/Cal/95 182793 for "An improved apparatus utilising catalyst media".

The amendments are by way of change of name from GLITSCH INC. to TRAY INC.

The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020. If the Written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

The amendments proposed by PHILIPS ELECTRONICS N. V., in respect of Patent Application No. 181885 (549/Cal/94) as advertised in Part-III, Section 2 of the Gazette of India on 13-03-1999 and no opposition being filed within the stipulated period, the said amendments have been allowed.

Notice is hereby given that GLITSCH INC., a corporation organised under the laws of the State of Delaware at 4900 Singleton Boulevard Dallas, Texas 75212, U.S.A. have made an application under Section 57 of the Patent Act, 1970 for amendment of specification of their application for Patent No. (694/Cal/94) 182165 for "A method for obtaining carboxylic acids from a first dilute aqueous solution thereof".

The amendments are by way of change of applicants' name.

The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020. If the Written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

Notice is hereby given that KVAERNER TECHNOLOGY AND RESEARCH LIMITED, a British Company, of St. James's House, 23 King Street, London SW1Y 6QY, England have made an application under section 57 of the Patent Act, 1970, for amendment of application of their application for Patent No. 739/Mas/92 (182422) for "A METHOD FOR THE PRODUCTION OF HYDROGEN AND CARBON BLACK AND AN APPARATUS FOR THE SAME". The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, 'C' Wing (C-4.A), III floor, Rajaji Bhavan, Besant Nagar, Chennai-600 090, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of Opposition on prescribed Form-30 within 3 months from the date of Notification at the Patent Office Branch, Chennai-90. If the Written Statement of Opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said Notice.

Notice is hereby given that KVAERNER TECHNOLOGY AND RESEARCH LIMITED, a British Company, of St. James's House, 23 King Street, London SW1Y 6QY, England have made an application under Section 57 of the Patents Act, 1970, for amendment of application of their application for Patent No. 741/Mas/92 (182423) for "A PROCESS FOR PRODUCING A FUEL WITH REDUCED CARBON CONTENT". The amendments are by way of correction. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office Branch, 'C' Wing (C-4.A), IIIrd Floor, Rajaji Bhavan Besant Nagar, Chennai-600090, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a Notice of opposition on prescribed Form-30 within 3 months from the date of Notification at the Patent Office Branch, Chennai-90. If the Written Statement of Opposition is not filed with the Notice of opposition it shall be left within one month from the date of filing the said Notice.

CESSTATION OF PATENTS

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RENEWAL FEES PAID

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170742	179245	162637	163868	165359	166806	166804	167523
171565	175477	175480	175749	176252	177163	178723	178554
170112	170121	170401	181826	171068	180086	181829	181878
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180005	181707	180002	179187	179505	179288	181458	179241
175508	179289	179507					

PATENT SEALED ON 05-11-99

171085* 181083 181145 182082 182178* 182253 182268
 182290*D 182418 182425 182471 182472 182473 182474*
 182475 182476* 182477* 182478 182479 182480*D 182481*D
 182482*D 182483*F 182485*F 182486*D

CAL-16, DEL-NIL, MUM-NIL, CHEN-09

*Patent shall be deemed to be endorsed with words
 LICENCE OF RIGHT Under Section 87 of the Patents Act,
 1970 from the date of expiration of three years from the
 date of sealing.

D—Drug Patents.

F—Food Patents.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
 open to inspection for a period of two years from the date of
 registration except as provided for in Section 50 of the De-
 signs Act, 1911.

The date shown in the each entries is the date of registra-
 tion included in the entries.

Class 1. No. 179290. Mercantile Shipping Agencies, Gala
 No. 35, Bombay Timber Market, Signal Hill Ave-
 nue, Darukhana, Mumbai-400010, Maharashtra.
 Indian Partnership Firm. "Bridge Fitting". April
 21, 1999.

Class 1. Nos. 178791 & 178792. Atco Healthcare Limited,
 Indian Company of Plot No. 2, Kurla Industrial
 Estate, Nari Seva Sadan Road, Narayan Nagar,
 Off LBS Shastri Marg, Ghatkopar (W), Mumbai-
 400086, Maharashtra, India. "Bottle". February
 22, 1999.

Class 3. No. 179007. Sandhu Industries, E-568, Phase-VI,
 Focal Point, Ludhiana, Punjab, India. "Trainer
 wheel for kind cycle". March 19, 1999.

Class 3. No. 179852. Ham Farm & Resort Pvt. Ltd. Indian
 Company of 156A, Lenin Sarani, Kamalalaya
 Centre, Room No. 403 & 404, Calcutta-700013,
 West Bengal, India. "Bottle". July 7, 1999.

Class 3. No. 179008. Sandhu Industries, E-568, Phase-VI,
 Focal Point, Ludhiana, Punjab, India. Indian Part-
 nership Firm. "Trainer Wheel for kind cycle".
 March 19, 1999.

Class 4. No. 179197. Pepsico Inc., American Company, 700,
 Anderson Hill Road, Purchase, New York-10577,
 USA. "Beverage Bottle". April 7, 1999.

Class 4. No. 179188. Sai Craft Ltd., Indian Company of B-
 1/9, Safdarjung Enclave, New Delhi-110029, India
 "Packing Box of Tissue Paper". April 7, 1999.

H. D. THAKUR

Controller General of Patents, Designs and
 Trade Marks.

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1999

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
 AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1999

